

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Docket No.

BIO-001

Serial No.

09/019,453

Applicant

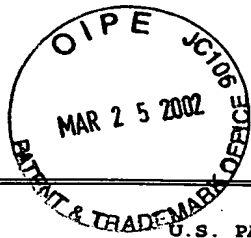
Shlomo Ben-Haim et al.

Filing Date

February 5, 1998

Group Art Unit

3763



U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
	4,296,100	10/20/81	Franco	424	108	6/30/80
	4,332,893	6/1/82	Rosenberg	435	68	6/13/80
	4,353,888	10/12/82	Sefton	424	25	12/23/80
	4,378,347	3/29/83	Franco	424	108	6/18/81
	4,503,038	3/5/85	Banda et al.	424	95	2/25/83
	4,578,061	3/25/86	Lemelson	604	164	7/31/84
	4,588,395	5/13/86	Lemelson	604	59	10/28/80
	4,636,195	1/13/87	Wolinsky	604	53	4/4/85
	4,668,226	5/26/87	Omata et al.	604	272	10/2/85

FOREIGN PATENT DOCUMENTS

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	WO 94/11506	5/26/94	PCT	C12N	15/12	<input type="checkbox"/>	<input type="checkbox"/>
	WO 95/01138	1/12/95	PCT	A61F	2/06	<input type="checkbox"/>	<input type="checkbox"/>
	WO 95/25807	9/28/95	PCT	C12N	15/86	<input type="checkbox"/>	<input type="checkbox"/>
	WO 95/29993	11/9/95	PCT	C12N	5/10	<input type="checkbox"/>	<input type="checkbox"/>
	WO 96/05768	2/29/96	PCT	A61B	5/06	<input type="checkbox"/>	<input type="checkbox"/>

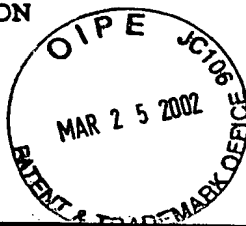
OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

	Fishbein M., Maclean D., Maroko P. (1978) Experimental Myocardial Infarction in the Rat. American Journal of Pathology. 90(1): 57-70.
	Grounds M., McGeachie J. (1987) A model of myogenesis in vivo, derived from detailed autoradiographic studies of regenerating skeletal muscle, challenges the concept of quantal mitosis. Cell and Tissue Research. 250:563-569.
	Felgner P., Gadek T., Holm M., Roman R., Chan H., Wenz M., Northrop J., Ringold G., Danielsen M. (1987) Lipofection: A highly efficient, lipid-mediated DNA-transfection procedure. Proc. Natl. Acad. Sci. USA 84:7413-7417.

Examiner:	Date Considered
<p>Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP §609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.</p>	

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	4,698,301	10/6/87	Weiss et al.	435	41	11/29/83
	4,699,788	10/13/87	Catsimpooulas et al.	424	104	8/20/84
	4,721,672	1/26/88	Vallee et al.	435	70	9/20/85
	4,769,362	9/6/88	Catsimpooulas et al.	514	25	4/14/86
	4,778,787	10/18/88	Catsimpooulas et al.	514	25	12/20/85
	4,824,436	4/25/89	Wolinsky	604	53	4/21/87
	4,871,356	10/3/89	Haindl et al.	604	247	5/17/88
	4,874,746	10/17/89	Antoniades et al.	514	21	12/22/87
	4,879,312	11/7/89	Kamarei et al.	514	560	3/7/88

FOREIGN PATENT DOCUMENTS

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	WO 96/26742	9/6/96	PCT	A61K	48/00	<input type="checkbox"/>	<input type="checkbox"/>
	WO 96/39830	12/19/96	PCT	A01N	43/04	<input type="checkbox"/>	<input type="checkbox"/>
	WO 97/11720	4/3/97	PCT	A61K	48/00	<input type="checkbox"/>	<input type="checkbox"/>
	WO 97/14307	4/24/97	PCT	A01N	43/04	<input type="checkbox"/>	<input type="checkbox"/>

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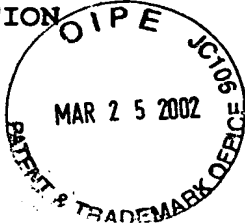
	Swain J. (1989) Gene Therapy A New Approach to the Treatment of Cardiovascular Tissue. Circulation. 80:1495-1496.
	Whalen G., Shing Y., Folkman J. (1989) The Fate of Intravenously Administered bFGF and the Effect of Heparin. Growth Factors. 1:157-164.
	Nabel E., Plautz G., Boyce F., Stanley J., Nabel G. (1989) Recombinant Gene Expression in Vivo Within Endothelial Cells of the Arterial Wall. Science. 244:1342-1343.
	Pavlatz G., Rich K., Webster S., Blau H. (1989) Localization of muscle gene products in nuclear domains. Nature. 337:570-573.
	Friedmann T. (1989) Progress Toward Human Gene Therapy. Science. 244:1275-1281.

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Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION 	Docket No. BIO-001	Serial No. 09/019,453
	Applicant Shlomo Ben-Haim et al.	
	Filing Date February 5, 1998	Group Art Unit 3763

U.S. PATENT DOCUMENTS

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	4,888,324	12/19/89	Catsimpooolas et al.	514	25	12/2/87
	4,891,225	1/2/90	Langer et al.	424	428	1/21/86
	4,895,838	1/23/90	Mccluer et al.	514	54	3/9/88
	4,900,673	2/13/90	Harper et al.	435	199	3/28/88
	4,916,073	4/10/90	Vallee et al.	435	252.3	12/1/88
	4,921,482	5/1/90	Hammerslag et al.	604	95	1/9/89
	4,940,730	7/10/90	Wakamatsu et al.	514	560	10/3/88
	4,966,847	10/30/90	Stacey et al.	435	172.3	7/27/87
	5,026,839	6/25/91	Moscattelli et al.	536	27	4/5/90

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	WO 97/23256	7/3/97	PCT	A61M	29/00	<input type="checkbox"/>	<input type="checkbox"/>
	WO 97/24981	7/17/97	PCT	A61B	5/0215	<input type="checkbox"/>	<input type="checkbox"/>
	WO 97/32990	9/12/97	PCT	C12N	15/86	<input type="checkbox"/>	<input type="checkbox"/>
	WO 97/47253	12/18/97	PCT	A61B	19/00	<input type="checkbox"/>	<input type="checkbox"/>
	WO 98/05307	2/12/98	PCT	A61K	9/22	<input type="checkbox"/>	<input type="checkbox"/>

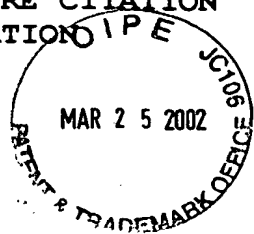
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	Ralston E., Hall Z. (1989) Transfer of a Protein Encoded by a Single Nucleus to Nearby Nuclei in Multinucleated Myotubes. Science.244:1066-1069. Thomason D., Booth F. (1990) Stable incorporation of a bacterial gene into adult rat skeletal muscle in vivo. American Physiological Society. C578-C581.
	Parker T., Packer S., Schneider M. (1990) Peptide Growth Factors Can Provoke "Fetal" Contractile Protein Gene Expression in Rat Cardiac Myocytes. J. Clin. Invest. 85:507-514 Shubeita H., McDonough P., Harris A., Knowlton K., Glembotski C., Brown J., Chien K. (1990) Endothelin Induction of Inositol Phospholipid Hydrolysis, Sarcomere Assembly, and Cardiac Gene Expression in Ventricular Myocytes. J. of Biological Chemistry. 265(33):20555-20562.

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Form PTO-1449		Docket No.	Serial No.
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		BIO-001	09/019,453
		Applicant	
		Shlomo Ben-Haim et al.	
Filing Date		Group Art Unit	
February 5, 1998		3763	



U.S. PATENT DOCUMENTS

Exam'r Init.	Document No.	Date	Name	Class	Sub Class	File Date
	5,073,492	12/17/91	Chen et al.	435	240.2	1/9/87
	5,112,946	5/12/92	Malone	530	324	7/6/89
	5,194,596	3/16/93	Tischer et al.	530	399	12/14/89
	5,195,968	3/23/93	Lundquist et al.	604	95	7/17/92
	5,219,739	6/15/93	Tischer et al.	435	69.4	7/27/90
	5,244,460	9/14/93	Unger et al.	604	53	11/27/91
	5,310,883	5/10/94	Seddon et al.	530	399	11/4/91
	5,318,957	6/7/94	Cid et al.	514	8	9/2/92
	5,328,470	7/12/94	Nabel et al.	604	101	7/26/91

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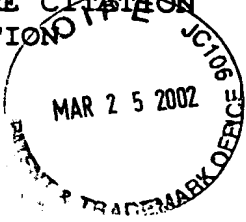
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	WO 99/10014	3/4/99	PCT	A61K	48/00	<input type="checkbox"/>	<input type="checkbox"/>
	WO 99/10485	3/4/99	PCT	C12N	15/10	<input type="checkbox"/>	<input type="checkbox"/>

OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

	Wolff J., Malone R., Williams Ph, Chong W., Acsadi G., Jani A., Felgner P. (1990) Direct Gene Transfer into Mouse Muscle in Vivo. Science.247:1465-1468.
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	Applicant Shlomo Ben-Haim et al.	
	Filing Date February 5, 1998	Group Art Unit 3763

U.S. PATENT DOCUMENTS

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	5,332,671	7/26/94	Ferrara et al.	435	240.1	8/4/89
	5,368,564	11/29/94	Savage	604	95	12/23/92
	5,368,592	11/29/94	Stern et al.	606	33	9/23/93
	5,383,923	1/24/95	Webster, Jr.	607	125	5/11/93
	5,385,148	1/31/95	Lesh et al.	128	662.06	7/30/93
	5,404,297	4/4/95	Birk et al.	362	421	1/21/94
	5,431,168	7/11/95	Webster, Jr.	128	658	8/23/93
	5,466,596	11/14/95	Breitman et al.	435	240.2	8/25/92
	5,470,831	11/28/95	Whitman et al.	514	16	3/24/93

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	WO 99/22655	5/14/99	PCT	A61B	17/32	<input type="checkbox"/>	<input type="checkbox"/>
	WO 99/29251	6/17/99	PCT	A61B	19/00	<input type="checkbox"/>	<input type="checkbox"/>
	WO 99/39624	8/12/99	PCT	A61B	1/31	<input type="checkbox"/>	<input type="checkbox"/>
	EP 0 710 657 A1	8/5/96	EPO with English abstract	C07D	263/24	<input type="checkbox"/>	<input type="checkbox"/>
	O 618 225 A1	3/21/94	EPO with English abstract	C07K	5/06	<input type="checkbox"/>	<input type="checkbox"/>

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+		Edelman E., Nugent M., Karnovsky M. (1993) Perivascular and intravenous administration of basic fibroblast growth factor: Vascular and solid organ deposition. Proc. Natl. Acad. Sci. USA. 90:1513-1517.
		Abstract: Blau R. (1994) Primary mouse myoblast purification, characterization, and transplantation for cell-mediated gene therapy. J. Cell biol. 125(6):1275-87.
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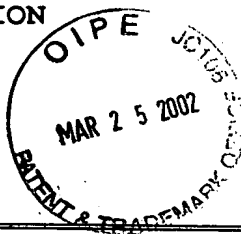
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	5,568,809	10/29/96	Ben-Haim	128	656	7/12/95
	5,580,859	12/3/96	Felgner et al.	514	44	3/18/94
	5,587,383	12/24/96	Takatani et al.	514	300	2/10/95
	5,588,432	12/31/96	Crowley	128	660.03	7/10/95
	5,602,301	2/11/97	Field	800	2	11/16/94
	5,607,918	3/4/97	Eriksson et al.	514	12	6/6/95
	5,641,743	6/24/97	Bohlen et al.	514	2	5/26/95
	5,641,756	6/24/97	Robinson	514	44	12/8/95
	5,652,225	7/29/97	Isner	514	44	7/3/96

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	Abstract: Chiu R., Zibaitis A., Kao R. (1995) Cellular cardiomyoplasty: myocardial regeneration with satellite cell implantation. Ann. Thorac. Surg. 60(1):12-18.
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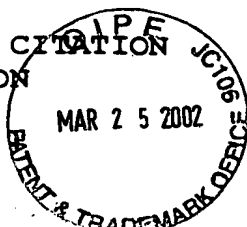
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	5,661,133	8/26/97	Leiden et al.	514	44	1/23/95
	B1 5,661,133	6/1/99	Leiden et al.	514	44	1/23/95
	5,674,192	10/7/97	Sahatjian et al.	604	28	7/23/93
	5,693,622	12/2/97	Wolff et al.	514	44	6/7/95
	5,698,531	12/16/97	Nabel et al.	514	44	1/23/95
	5,707,969	1/13/98	Nabel et al.	514	44	6/7/95
	5,733,727	3/31/98	Field	435	6	6/7/95
	5,780,052	7/14/98	Khaw et al.	424	450	4/24/95
	5,785,965	7/28/98	Pratt et al.	424	93.21	5/15/96

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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

	Leor J., Patterson M., Quinones M., Kedes L., Kloner R. (1996) Transplantation of Fetal Myocardial Tissue into the Infarcted Myocardium of Rat - A Potential Method for Repair of Infarcted Myocardium? Circulation. 94(9):332-336.
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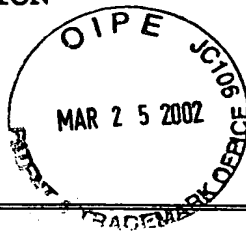
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	5,792,453	8/11/98	Hammond et al.	424	93.21	6/7/95
	5,797,870	8/25/98	March et al.	604	49	6/7/95
	5,807,556	9/15/98	Mannion et al.	424	198.1	7/18/96
	5,830,879	11/3/98	Isner	514	44	10/2/95
	5,840,059	11/24/98	March et al.	604	53	6/7/95
	5,843,742	12/1/98	Natsoulis et al.	435	172.3	9/8/95
	5,846,528	12/8/98	Podsakoff et al.	424	93.2	1/16/97
	5,858,351	1/12/99	Podsakoff et al.	424	93.2	1/18/96
	5,925,012	7/20/99	Murphy-Chutorian et al.	604	30	12/27/96

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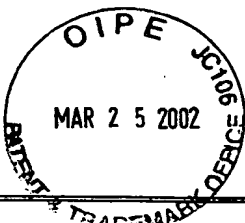
	Harada K., Friedman M., Lopez J., Wang S. Li J., Pottumarthi P., Pearlman J., Edelman E., Sellke F., Simons M. (1996) Vascular endothelial growth factor administration in chronic myocardial ischemia. The American Physiological Society. 1791-1802.
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	BIO-001	09/019,453
	Applicant Shlomo Ben-Haim et al.	
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OTHER REFERENCES (include author, title, date, pertinent pages, etc.)

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